

CLAIMS

1. Device for unwinding a wire (8) which brings about the transmission of information of all types (orders or reports) between two moving objects (1) and (7) which operate in a fluid, in which device the wire is wound on at least one coil (15) which is received in a reel (2), the reel being arranged between the two moving objects, which device is characterised in that the reel, which can be separated from the two moving objects, comprises means for stabilising the reel in the fluid.

2. Device according to claim 1, characterised in that the means for stabilising the reel comprise a keel (17) connected to a fixed plane (14).

3. Device according to claim 1 or 2, characterised in that a pushing spacer (12), which is associated with the reel located between the moving object (1) which has been launched and the launching mechanism (4) thereof, brings about the transmission of the pushing forces during the launching operation.

4. Device according to claim 3, characterised in that it comprises a connection mechanism (9) which temporarily connects the reel and the moving object which has been launched.

5. Device according to claim 4, characterised in that the connection mechanism is composed of a ball-on-spring system with calibrated separation stress.

6. Device according to claim 5, characterised in that the reel comprises a protective sheath (10), in which the wire is unreeled and one end of which is connected to the connection mechanism.

7. Device according to claim 6, characterised in that the reel comprises two coils (15) and (16).

8. Device according to claim 7, characterised in that a mechanism (13) for regulating the tension of the wire allows the impacts caused by the changing of the coil to be eliminated.

9. Device according to any one of the preceding claims, characterised in that an element which is associated with the reel allows the play between the reel and the launching mechanism to be compensated for.

10. Device according to claim 9, characterised in that the element is constituted by a foam washer (19) which is arranged between the reel and the launching mechanism.